Cardinal Inventory System   
Desktop Application  
  
  
Users:   
Admin  
Staff  
  
Scope:   
**Staff-**  
Can Modify Stock (CRUD operation) but needs to be approved by admin  
Can add/edit remarks on each action and stock.  
Can request a refill of stocks.

**Admin-**   
Can add staff and admin.   
Can Modify Stock (CRUD operation) without approval.   
Can approve and disapprove Modify Stock (CRUD operation) of staff.  
Can add/edit/delete all remarks including Staff  
Can approve or decline the request for refill stocks

Limitation:   
The system cannot give an estimation of shelf life of each stocks  
The system cannot give warning messages to any expired stocks  
  
  
  
  
  
  
  
  
  
  
Connecting windows form to MySQL:   
https://www.youtube.com/watch?v=2g4MPJ3fJt0

Database draft info:   
Tables   
  
User Table  
- User\_ID   
- UserType  
- Password  
- Recovery Question  
- Recovery Answer  
  
Product Info Table  
- Product\_ID  
- ProductCon\_ID  
- Serial Number No.   
- Product Name(Such as Black forest, Red Velvet and etc)  
- Type of Pastry (Such as Cake, Bread, Mouse and etc)  
  
Product Condition Table  
- ProductCon\_ID  
- Product Type(Wet or Dry)  
- Product Manufactured  
- Product Expiry

Delivery Table  
- Delivery\_ID  
- User\_ID  
- Product\_ID  
- Request Product  
- Delivery Date  
- Delivery Status  
- Remarks

Added Software in Development:   
MetroModernUI version 1.3.5  
  
  
  
Colors: https://coolors.co/ff934f-c2e812-91f5ad  
1st = #FF934F  
2nd = #C2E812  
3rd = #91F5AD  
tabs = 585454  
  
Source of design = https://www.infragistics.com/resources/sample-applications/infragistics-windows-forms-inventory-management  
Tabs and content:   
  
Users UI   
Home

* History
* Latest Changes
* Delivery Request

Products

* Product List
* Modify List(Add, Update)

Delivery

* Delivery List
* Delivery Request
* Modify List (Add, Update)
* Remarks

Admin UI   
Home

* History
* Latest Changes
* Delivery Request
* Permission List

Users

* Users List
* CRUD Users
* Admin Settings

Products

* Product List
* Modify List(Add, Update, Delete)

Delivery

* Delivery List
* Delivery Request
* Modify List (Add, Update,Delete)
* Remarks

Icons Used: <https://icons8.com/icons/set/Truck>  
  
Notification Design Basis: https://dribbble.com/shots/3768074-Modal-windows/attachments/848349?mode=media